Title (en)

Hiv replication inhibiting pyrimidines

Title (de)

Hiv-replikationshemmende Pyrimidine

Title (fr)

Pyrimidines inhibant la réplication de vih

Publication

EP 1270560 A1 20030102 (EN)

Application

EP 02018455 A 19991101

Priority

- EP 99203590 A 19991101
- US 10779298 P 19981110
- US 14396299 P 19990715
- EP 9907417 W 19990924
- EP 02018455 A 19991101

Abstract (en)

This invention concerns the use of compounds of formula <CHEM> the N-oxides, the pharmaceutically acceptable addition salts, quaternary amines and the stereochemically isomeric forms thereof, wherein -a<1>=a<2>-a<3>=a<4>- forms a pyridinyl, pyrimidinyl, pyridazinyl or pyrazinyl with the attached vinyl group; n is 0 to 4; and where possible 5; R<1> is hydrogen, aryl, formyl, C1-6alkylcarbonyl, C1-6alkyl, C1-6alkyloxycarbonyl, substituted C1-6alkyl, or substituted C1-6alkyloxyC1-6alkylcarbonyl; each R<2> independently is hydroxy, halo, optionally substituted C1-6alkyl, C2-6alkenyl or C2-6alkynyl, C3-7cycloalkyl, C1-6alkyloxy, C1-6alkyloxycarbonyl, carboxyl, cyano, nitro, amino, mono- or di(C1-6alkyl)amino, polyhalomethyl, polyhalomethyloxy, polyhalomethylthio, -S(=O)pR<6>, -NH-S(=O)pR<6>, -C(=O)R<6>, -NHC(=O)H, -C(=O)NHNH2, -NHC(=O)R<6>,-C(=NH)R<6> or a 5-membered heterocyclic ring; p is 1 or 2; L is optionally substituted C1-10alkyl, C2-10alkenyl, C2-10alkynyl or C3-7cycloalkyl; or L is -X-R<3> wherein R<3> is optionally substituted phenyl, pyridinyl, pyrimidinyl, pyrazinyl or pyridazinyl; X is -NR<1>-, -NH-NH-, -N=N-, -O-, -C(=O)-, -CHOH-, -S-, -S(=O)- or -S(=O)2-; Q is hydrogen, C1-6alkyl, halo, polyhalo-C1-6alkyl or an optionally substituted amino group; Y represents hydroxy, halo, C3-7cycloalkyl, optionally substituted C1-6alkyl, C2-6alkenyl or C2-6alkynyl, C1-6alkyloxy, C1-6alkyloxycarbonyl, carboxyl, cyano, nitro, amino, mono- or di(C1-6alkyl)amino, polyhalomethyl, polyhalomethyloxy, polyhalomethylthio, -S(=O)pR<6>, -NH-S(=O)pR<6>, -C(=O)R<6>, -NHC(=O)H, -C(=O)NHNH2, -NHC(=O)R<6>,-C(=NH)R<6> or aryl; aryl is optionally substituted phenyl; Het is an optionally substituted heterocyclic radical; for the manufacture of a medicine for the treatment of subjects suffering from HIV (Human Immunodeficiency Virus) infection.

IPC 1-7

C07D 239/48; C07D 239/46; C07D 239/50; C07D 401/12; A61K 31/505; A61P 31/18

IPC 8 full level

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IPC 8 main group level

A61K (2006.01); **C07D** (2006.01)

CPC (source: EP KR US)

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- EP 0945443 A1 19990929 - JANSSEN PHARMACEUTICA NV [BE]
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DOCDB simple family (application)

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